mini-MUSIC™

Advanced DIRCM protection for rotary and turbo-prop fixed-wing aircraft

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Helicopters and turbo-prop fixed-wing cargo aircraft face mounting threats from heat-seeking, ground-to-air missiles. These shoulder-fired missiles (MANPADS) are easily transportable and extremely lethal. To counter this threat, Elbit Systems presents mini-MUSIC, an advanced Directed Infra-Red Counter Measure (DIRCM) system that is optimized to protect such platforms.

Comprehensive level of protection

Built on years of proven experience in a military environment, this DIRCM solution provides fixed and rotary-wing aircraft with superior defense against multiple missile threats. The solution can also be integrated with various Missile Warning Systems (MWS) for reliable and affordable protection.

Elbit Systems™ ISTAR

mini-MUSIC™

Advanced DIRCM protection for rotary and turbo-prop fixed-wing aircraft

Compact and Lightweight

- Powerful fiber laser for efficient operation
- Sealed mirror gimbal for high reliability
- Thermal camera for accurate acquisition and tracking
- Hyper-hemispherical dome for maximum coverage

Main Features

- Compact size and weight, single LRU
- High reliability
- Rapid response time
- Automatic internal boresight
- Open architecture for MWS interface

Technical Specifications

Overall weight	19 kg
Dimensions	271(W) x 316(L) x 449(H) mm
Power consumption	<1000W
MWS	External MWS (UV or IR)
Installation options	Single, dual turret

mini-MUSIC™ flight tests

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